

WASTE & MATERIALS MANAGEMENT STUDY GROUP

Presentation for the Brownfields Study Group

February 10, 2017

Waste & Materials Management Study Group

An external stakeholder group advisory
to DNR's Waste & Materials
Management Program



Scope

- Waste & materials reduction, reuse, recycling and disposal
- Primarily policies and technical issues associated with the NR 500 series code
- Excludes metallic mining and hazardous waste topics



Purpose

- Provide input on implementing and interpreting state and federal regulations
- Serve as a sounding board for policy development and setting priorities
- Help the program tackle issues and opportunities



Members

- 6-10 stakeholders offering a broad range of perspectives
- Initial members drawn from consulting firms, private companies, county governments and environmental advocacy groups

Alan Albee

Eagle Waste & Recycling

Tim Curry

Advanced Disposal

Chad Doverspike

Brown County

Meleesa Johnson

Marathon County

Tom Karwoski

SCS Engineers

Lynn Morgan

Waste Management

Andy Nickodem

Golder Associates

Amber Meyer Smith

Clean Wisconsin

John Welch

Dane County

Current Focus

- Organics Management
- Construction & Demolition Debris
- Recycling Innovation
- Monitoring at Closed Landfills
- Alternative Landfill Caps

Organics Management

Recommend a course of action for better managing organics, particularly food wastes

- Yard and food wastes comprise 20% of all waste landfilled
- Opportunities to redirect unwanted food, reduce food waste and divert food waste to alternative technologies such as anaerobic digestion and composting



Construction & Demolition Debris

- C & D debris comprises 20% of all waste landfilled
- What can Wisconsin do to support and expand C & D recycling?
- What are the consequences of under-regulation of C & D monofills, and how can they be addressed?



Recycling Innovation

Promote expanded recycling options and work toward a stable and sustainable recycling infrastructure

- State support today is about half of what it was in 2008
- Emphasis on weight diverted from landfills is out of sync with the changing waste stream, and obscures other benefits of recycling such as reduced air emissions and job creation
- Wisconsin's program is a great success story, but doesn't foster innovation



Monitoring at Closed Landfills

Build on DNR's current policies

- Hundreds of closed landfills are nearing the end of long-term care periods
- Continued full-scale monitoring is not always justified, and drives owner costs and DNR workload
- When and how should closed landfills be allowed to reduce or discontinue groundwater monitoring?



Alternative Landfill Caps

Develop technical recommendations regarding the use of alternative landfill caps and delayed capping

- What advancements in cap technology and practice are appropriate in Wisconsin's environment?
- How should Wisconsin reconcile potential conflicts with the organic stability rule and other existing policies?
- How best can DNR standardize cap evaluations?



STUDY GROUP WEBPAGE:

[HTTP://DNR.WI.GOV/TOPIC/WASTE/STUDYGROUP.HTML](http://DNR.WI.GOV/TOPIC/WASTE/STUDYGROUP.HTML)

Thank you!